

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/ZA 03/00118

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F16D13/04 F16D65/14 F16D55/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 321 637 A (EDWARD HENRY JAMES CECIL GILLE) 4 November 1929 (1929-11-04) figures	1-3
X	US 4 733 743 A (WEISS HEINZ ET AL) 29 March 1988 (1988-03-29) figures 5-8	1-3
X	DE 101 56 348 C (ESTOP GMBH) 30 April 2003 (2003-04-30) claim 1; figures	1-3, 20
X	DE 664 336 C (ARDELTWERKE G M B H) 25 August 1938 (1938-08-25) figures 1,2	1-3
	-/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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8 document member of the same patent family

Date of the actual completion of the International search

2 December 2003

Date of mailing of the International search report

18/12/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 3 513 954 A (POPPER JAKHIN BOAS) 26 May 1970 (1970-05-26) the whole document</p>	1

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 321637	A	04-11-1929	NONE	
US 4733743	A	29-03-1988	DE 3543871 C1 AT 41373 T DE 3662355 D1 EP 0228617 A2 ZA 8609355 A	02-01-1987 15-04-1989 20-04-1989 15-07-1987 31-08-1988
DE 10156348	C	30-04-2003	DE 10156348 C1 DE 10154178 A1 WO 02095257 A2 WO 02095255 A1	30-04-2003 12-12-2002 28-11-2002 28-11-2002
DE 664336	C	25-08-1938	NONE	
US 3513954	A	26-05-1970	NONE	